

**INPUT SET: S23913.raw**

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

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## SEQUENCE LISTING

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1
2
3 (1) General Information
4
5 (i) APPLICANT: Wiley, Steven R.
6
7 (ii) TITLE OF THE INVENTION: MEMBER OF THE TNF FAMILY USEFUL
8 FOR TREATMENT AND DIAGNOSIS OF DISEASE
9
10 (iii) NUMBER OF SEQUENCES: 11
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Abbott Laboratories, D377/AP6D
14 (B) STREET: 100 Abbott Park Road
15 (C) CITY: Abbott Park
16 (D) STATE: IL
17 (E) COUNTRY: USA
18 (F) ZIP: 60064
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Diskette
22 (B) COMPUTER: IBM Compatible
23 (C) OPERATING SYSTEM: DOS
24 (D) SOFTWARE: FastSEQ Version 2.0
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER:
28 (B) FILING DATE:
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: 08/798692
33 (B) FILING DATE: 12-FEB-1997
34
35 (viii) ATTORNEY/AGENT INFORMATION:
36 (A) NAME: Becker, Cheryl L.
37 (B) REGISTRATION NUMBER: 35,441
38 (C) REFERENCE/DOCKET NUMBER: 6048.US.P1
39
40 (ix) TELECOMMUNICATION INFORMATION:
41 (A) TELEPHONE: 847-935-1729
42 (B) TELEFAX: 847-938-2623
43 (C) TELEX:
44
45 (2) INFORMATION FOR SEQ ID NO:1:
46

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**INPUT SET: S23913.raw**

|    |                                         |            |            |            |            |            |      |  |
|----|-----------------------------------------|------------|------------|------------|------------|------------|------|--|
| 47 | (i) SEQUENCE CHARACTERISTICS:           |            |            |            |            |            |      |  |
| 48 | (A) LENGTH: 1236 base pairs             |            |            |            |            |            |      |  |
| 49 | (B) TYPE: nucleic acid                  |            |            |            |            |            |      |  |
| 50 | (C) STRANDEDNESS: single                |            |            |            |            |            |      |  |
| 51 | (D) TOPOLOGY: unknown                   |            |            |            |            |            |      |  |
| 52 |                                         |            |            |            |            |            |      |  |
| 53 | (ii) MOLECULE TYPE: cDNA                |            |            |            |            |            |      |  |
| 54 |                                         |            |            |            |            |            |      |  |
| 55 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1: |            |            |            |            |            |      |  |
| 56 |                                         |            |            |            |            |            |      |  |
| 57 | ATGGCCGCC                               | CGGAGCCA   | GAAGCGGAGG | GGGCGCCGGG | GGGAGCCGGG | CACCGCCCTG | 60   |  |
| 58 |                                         |            |            |            |            |            |      |  |
| 59 | CTGGTCCCCG                              | TCGCGCTGGG | CCTGGGCCTG | GCGCTGGCCT | GCCTCGGCCT | CCTGCTGGCC | 120  |  |
| 60 |                                         |            |            |            |            |            |      |  |
| 61 | GTGGTCAGTT                              | TGGGGAGCCG | GGCATCGCTG | TCCGCCCAGG | AGCCTGCCCA | GGAGGAGCTG | 180  |  |
| 62 |                                         |            |            |            |            |            |      |  |
| 63 | GTGGCAGAGG                              | AGGACCAGGA | CCCGTCGGAA | CTGAATCCCC | AGACAGAAGA | AAGCCAGGAT | 240  |  |
| 64 |                                         |            |            |            |            |            |      |  |
| 65 | CCTGCGCCTT                              | TCCTGAACCG | ACTAGTTCGG | CCTCGAAGAA | GTGCACCTAA | AGGCCGGAAA | 300  |  |
| 66 |                                         |            |            |            |            |            |      |  |
| 67 | ACACGGGCTC                              | GAAGAGCGAT | CGCAGCCCAT | TATGAAGTTC | ATCCACGACC | TGGACAGGAC | 360  |  |
| 68 |                                         |            |            |            |            |            |      |  |
| 69 | GGAGCGCAGG                              | CAGGTGTGGA | CGGGACAGTG | AGTGGCTGGG | AGGAAGCCAG | AATCAACAGC | 420  |  |
| 70 |                                         |            |            |            |            |            |      |  |
| 71 | TCCAGCCCTC                              | TGCGCTACAA | CCGCCAGATC | GGGGAGTTTA | TAGTCACCCG | GGCTGGGCTC | 480  |  |
| 72 |                                         |            |            |            |            |            |      |  |
| 73 | TACTACCTGT                              | ACTGTCAGGT | GCACTTTGAT | GAGGGGAAGG | CTGTCTACCT | GAAGCTGGAC | 540  |  |
| 74 |                                         |            |            |            |            |            |      |  |
| 75 | TTGCTGGTGG                              | ATGGTGTGCT | GGCCCTGCGC | TGCCTGGAGG | AATTCTCAGC | CACTGCGGCG | 600  |  |
| 76 |                                         |            |            |            |            |            |      |  |
| 77 | AGTTCCCTCG                              | GGCCCCAGCT | CCGCCTCTGC | CAGGTGTCTG | GGCTGTTGGC | CCTGCGGCCA | 660  |  |
| 78 |                                         |            |            |            |            |            |      |  |
| 79 | GGGTCCTCCC                              | TGCGGATCCG | CACCCCTCCC | TGGGCCCATC | TCAAGGCTGC | CCCCTTCCTC | 720  |  |
| 80 |                                         |            |            |            |            |            |      |  |
| 81 | ACCTACTTCG                              | GACTCTTCCA | GGTTCACTGA | GGGGCCCTGG | TCTCCCCGCA | GTCGTCCCAG | 780  |  |
| 82 |                                         |            |            |            |            |            |      |  |
| 83 | GCTGCCGGCT                              | CCCCTCGACA | GCTCTCTGGG | CACCCGGTCC | CCTCTGCCCC | ACCCTCAGCC | 840  |  |
| 84 |                                         |            |            |            |            |            |      |  |
| 85 | GCTCTTTGCT                              | CCAGACCTGC | CCCTCCCTCT | AGAGGCTGCC | TGGGCCTGTT | CACGTGTTTT | 900  |  |
| 86 |                                         |            |            |            |            |            |      |  |
| 87 | CCATCCCACA                              | TAAATACAGT | ATTCCCACCT | TTATCTTACA | ACAACCCAC  | CGCCCACTCT | 960  |  |
| 88 |                                         |            |            |            |            |            |      |  |
| 89 | CCACCTCACT                              | AGCTCCCCAA | TCCCTGACCC | TTTGAGGCCC | CCAGTGATCT | CGACTCCCCC | 1020 |  |
| 90 |                                         |            |            |            |            |            |      |  |
| 91 | CTGGCCACAG                              | ACCCCCAGGG | CATTGTGTTT | ACTGTACTCT | GTGGGCAAGG | ATGGGTCCAG | 1080 |  |
| 92 |                                         |            |            |            |            |            |      |  |
| 93 | AAGACCCAC                               | TTCAGGCACT | AAGAGGGGCT | GGACCTGGCG | GCAGGAAGCC | AAAGAGACTG | 1140 |  |
| 94 |                                         |            |            |            |            |            |      |  |
| 95 | GGCCTAGGCC                              | AGGAGTTCCC | AAATGTGAGG | GGCGAGAAAC | AAGACAAGCT | CCTCCCTTGA | 1200 |  |
| 96 |                                         |            |            |            |            |            |      |  |
| 97 | GAATTCCCTG                              | TGGATTTTTA | AAACAGATAT | TATTTT     |            |            | 1236 |  |
| 98 |                                         |            |            |            |            |            |      |  |
| 99 |                                         |            |            |            |            |            |      |  |



# RAW SEQUENCE LISTING PATENT APPLICATION US/09/021,706

DATE: 02/27/98  
TIME: 18:48:24

INPUT SET: S23913.raw

153  
154 (ii) MOLECULE TYPE: None  
155  
156 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
157  
158 Met Val Met Met Leu Arg Thr Trp Arg Leu Leu Pro Met Val Leu Leu  
159 1 5 10 15  
160 Ala Ala Tyr Cys Tyr Cys Ser Leu Ala Ala Pro Gly Ser Asp Tyr Lys  
161 20 25 30  
162 Asp Asp Asp Asp Lys Gly Arg Lys Thr Arg Ala Arg Arg Gly Ile Ala  
163 35 40 45  
164 Ala His Tyr Glu Val His Pro Arg Pro Gly Gln Asp Gly Ala Gln Ala  
165 50 55 60  
166 Gly Val Asp Gly Thr Val Ser Gly Trp Glu Glu Ala Arg Ile Asn Ser  
167 65 70 75 80  
168 Ser Ser Pro Leu Arg Tyr Asn Arg Gln Ile Gly Glu Phe Ile Val Thr  
169 85 90 95  
170 Arg Ala Gly Leu Tyr Tyr Leu Tyr Cys Gln Val His Phe Asp Glu Gly  
171 100 105 110  
172 Lys Ala Val Tyr Leu Lys Leu Asp Leu Leu Val Asp Gly Val Leu Ala  
173 115 120 125  
174 Leu Arg Cys Leu Glu Glu Phe Ser Ala Thr Ala Ala Ser Ser Leu Gly  
175 130 135 140  
176 Pro Gln Leu Arg Leu Cys Gln Val Ser Gly Leu Leu Ala Leu Arg Pro  
177 145 150 155 160  
178  
179 Gly Ser Ser Leu Arg Ile Arg Thr Leu Pro Trp Ala His Leu Lys Ala  
180 165 170 175  
181 Ala Pro Phe Leu Thr Tyr Phe Gly Leu Phe Gln Val His  
182 180 185  
183  
184

## (2) INFORMATION FOR SEQ ID NO:4:

### (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 24 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

### (ii) MOLECULE TYPE: Protein

### (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

196  
197 Met Lys Trp Val Thr Phe Ile Ser Leu Leu Phe Leu Phe Ser Ser Ala  
198 1 5 10 15  
199 Tyr Ser Arg Gly Val Phe Arg Arg  
200 20  
201

## (2) INFORMATION FOR SEQ ID NO:5:

### (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8 amino acids

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206         (B) TYPE: amino acid
207         (C) STRANDEDNESS: single
208         (D) TOPOLOGY: linear
209     (ii) MOLECULE TYPE: Protein
210
211     (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

```

Asp Tyr Lys Asp Asp Asp Asp Lys  
1 5

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 146 amino acids  
 (B) TYPE: amino acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

[illegible]

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 177 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/021,706**

DATE: 02/27/98  
TIME: 18:48:32

**INPUT SET: S23913.raw**

Line

Error

Original Text

09021706-021098